













PLANTING CORN.

HILL VS. DRILL METHODS - ARGUMENTS FOR AND AGAINST.

During the past two years considerable interest has been displayed by a large number of farmers in Illinois as to the best method of planting corn, one class favoring drilling the seed, while the majority were in favor of the ordinary practice of planting in hills. In order to throw some light upon this question, the Illinois Experiment Station conducted an extensive series of tests, comparing the yields from plots planted by both methods. In every case, an equal amount of space was devoted to each system, and an equal number of stalks was grown on all the plots. For instance, four stalks were let in each hill, the hills being three feet eight inches apart. On the drilled plots, the stalks were let every eleven inches, so that the number of drilled stalks equaled the number of stalks in hills in the same space. This experiment was tried with an early and a late variety, the Falls of the North and the Yellow Masked. The results are uniformly shown little difference in yield. The cultivation was the same for both the drilled and the hilled, except that the filled plots were crossed in the second and fourth cultivation, while the hilled was cultivated four times affecting the rows. The experiment was repeated often enough to eliminate the difference in soils. The conclusion was reached, therefore, that so far as the method of planting was concerned, the growth of the plants in hills or drills affecting the development of the stalk or ear, both methods gave equally good results. The general impression among farmers seems to be that drilling corn in new land will give larger yields than when it is hilled. There is little doubt but that this impression is correct, but the larger yield is not due to the distribution of the stalks in the drilled corn, but to the fact that more corn was planted in the drilled than in the hilled fields. This conclusion is borne out by the result of a similar experiment with the number of stalks in the hill. It was found that a larger number of stalks in the hill gave larger yields than a less number of stalks indicating that so far as yield is concerned, the larger number of stalks gives the largest yield on the rich, fertile land. Further, as it is impossible to cultivate the drilled fields both ways with the ordinary sowed cultivation, it is not practical to plant a weedy field in drills. No doubt, as we have seen, the larger number of stalks per acre becomes more uniform and of better quality, a less number of stalks will be required to produce the same or larger yields. In this event, the objection to hilling will be removed, as one or two stalks will constitute a good stand and therefore remove the possibility of the evil effects of competition between the four or five stalks in the thickly seeded hill of corn.

CARE OF COWS.

CLEANLINESS AND KINDNESS A NECESSITY IN EVERY DEPARTMENT.

The well-bred, high-producing cow is more sensitive to her surroundings than the most delicately-constructed machinery, and is greatly affected by slight causes. A cow in any new land in fact, under any particular care, produced over 600 pounds of butter and 10,000 pounds of milk in a year, when placed under the care of another and equally well fed, dropped off to about one-half that amount, and, as her return to her own stable, came back to her former production. Cows should be milked, so far as possible, by the same person, in the same order and at the same time of day to realize their full capacity. There is no time or labor expended in the dairy that brings so large a return for the investment as a proper use of the ears and brush thirty minutes per day per cow for that period in the year when they are confined in the stable. The cow that will produce 20 pounds of butter in a year will, as a rule, by the aid of the ears and brush, kindly and well used, increase to 300 pounds of feed and care otherwise the same. I have tried this and speak from personal careful experience. The care of cows includes cleanliness. In the dairy business cleanliness is next to godliness. Clean bedding, ample abundance in the gutters, and for this purpose gypsum or lead plaster is among the best. Two pounds per cow will keep the cow clean and healthy, and will do away with most of the offensive smell of the stable and absorb most of the liquid droppings. The effect of kind treatment of a cow can hardly be overestimated. She should know and welcome the voice of her master and attendant, and if he practices calling her by name and speaking to her when he comes near her she will soon learn to expect and welcome it, and will render a rich return for the trouble in the stall. Of the care of the milk after it has been delivered into the pail, there is no time now space to speak fully. A retention of the thought of cleanliness, thorough cleanliness, is never let out of any point in the progress of the milk from the pail to the butter in the tub.

OUR LADIES' SHOES.

OUR MEN'S SHOES.

The P. B. Number 196 at \$1.25  
The Rebaun, P. B. at 1.50  
The 112 Special at 2.00  
The Royal at 2.50  
The Queen Quality at 3.00

The Apollo at \$1.25  
The Favorite at 1.50  
The Yteirav at 2.00  
The G. E. K. at 2.50  
The Elite at 3.00  
The Walk-over at 3.50  
The Walk-over Special at 4.00

Hats and Gent's Furnishings

AMOS ECKERT.

Wickless BLUE FLAME Oil Stove

will boil, bake, broil or fry better than a coal stove. It is safe and clean—can not become greasy, can not emit any odor. Made in several sizes, from one burner to five. If your dealer does not have them, write to nearest agency of

ATLANTIC REFINING COMPANY.

To BAKING DAY

FROM WASHDAY

From Monday to Saturday—at every turn in the kitchen work—a Wickless Blue Flame Oil Stove will save labor, time and expense—and keep the cook comfortable. No bulky fuel to prepare or carry, no waiting for the fire to come up or die down; a fraction of the expense of the ordinary stove. A

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To BAKING DAY

FROM WASHDAY



Mother's Friend

Every woman in the country ought to know about

These who do know about it wonder how they ever got along without it. It has robbed child-birth of its terrors for many a young wife. It has preserved her girlish figure and saved her much suffering. It is an external remedy and cures with it therefore absolutely no danger of upsetting the system as drugs often have.

It is a safe and reliable remedy, and is used by millions of women in all parts of the world. It is a safe and reliable remedy, and is used by millions of women in all parts of the world.

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CATARRH

Catarrh has become such a common disease that a person entirely free from it is a rarity.

It is a common complaint in the nose and throat, and is a very dangerous disease, if not at first, it very soon becomes so.

The blood is quickly contaminated by the food secretions, and the poison through the general circulation is carried to all parts of the system.

Saliva, mucus and sprays are unsatisfactory and disappointing, because they do not reach the seat of the trouble. S. S. S. cleanses the blood of the poison and eliminates from the system all catarrhal secretions, and thus cures thoroughly and permanently the worst cases.

Mr. T. A. Williams, a leading druggist, writes: "I had a severe case of Catarrh of the nose and throat, and it was a very dangerous disease, if not at first, it very soon becomes so."

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